



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4590

SERIAL NUMBER	FILING OR 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
10/823,474	04/13/2004	360	2627	9281-4798
RULE				
APPLICANTS Masamichi Saito, Niigata-ken, JAPAN; Yoshihiro Nishiyama, Niigata-ken, JAPAN; Yosuke Ide, Niigata-ken, JAPAN; Eiji Umetsu, Niigata-ken, JAPAN; Naoya Hasegawa, Niigata-ken, JAPAN; Yasuo Hayakawa, Niigata-ken, JAPAN;				
** CONTINUING DATA ***** <i>None</i>				
** FOREIGN APPLICATIONS ***** JAPAN 2003-114189 04/18/2003 JAPAN 2003-195159 07/10/2003 JAPAN 2004-047757 02/24/2004 <i>All Received</i>				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 06/25/2004				
Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged <i>C. R. Kumbhar AR</i> Examiner's Signature Initials		STATE OR COUNTRY JAPAN	SHEETS DRAWING 17	TOTAL CLAIMS 16
		INDEPENDENT CLAIMS 2		
ADDRESS Brinks Hofer Gilson & Lione P.O. Box 10395 Chicago, IL60610				
TITLE Self-pinned CPP giant magnetoresistive head with antiferromagnetic film absent from current path				
FILING FEE RECEIVED 770	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	